

285

I hereby certify that this correspondence is being deposited with the United States Postal Services on the date set forth below as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Date of Signature: March 7, 2002

and Deposit: March 7, 2002

Attorney of Record

PATENT

Docket No.: 140315.92289

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thornborough  
Appl. No.: 09/472,105  
Filed: December 27, 1999  
Title: METERING PULSE TRANSDUCER  
Art Unit: 2855  
Examiner: L. Martir

AMENDMENT

Commissioner for Patents  
Washington, DC 20231

Sir:

In response to the Office Action of December 19, 2001, please enter the following Amendment and Remarks in the file of the above patent application.

Amendment

IN THE CLAIMS:

Please amend claims 1 and 14 as follows:

1. (Twice amended) A pulse transducer, comprising:  
a rotor having an axis of rotation and having a plurality of magnetically switchable elements spaced around the axis and movable along a path of travel around the axis, each of said magnetically switchable elements having at least four magnetic states;

a sensor disposed adjacent said rotor for carrying magnetically produced electrical pulses;

B